

BIRCH STEWART, KOLASCH & COUCH, LLP

COMBINED DECLARATION AND POWER OF ATTORNEY

ATTORNEY DOCKET NO. [REDACTED]

PLEASE NOTE:
YOU MUST
COMPLETE THE
FOLLOWING:

Insert Title: ➡

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Method and device for modifying the irradiance distribution of a radiation source

Fill in Appropriate Information -
For Use Without ➡
Specification Attached:

the specification of which is attached hereto. If not attached hereto,

the specification was filed on April 27, 2001 as
United States Application Number 09/831,272; and /or

the specification was filed on _____ as PCT
International Application Number _____; and was
amended under PCT Article 19 on _____ (if applicable)



I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Insert Priority Information: ➡ (if appropriate)

Prior Foreign Application(s)

(Number)	Country	(Month/ Day, Year Filed)	Priority Claimed
20001010	Finland	April 28, 2000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Month/ Day, Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Month/ Day, Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Month/ Day, Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Month/ Day, Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Month/ Day, Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

Insert Provisional Application(s): ➡ (if any)

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

(Application Number)	Filing Date
(Application Number)	(Filing Date)

Insert Requested Information: ➡

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More Than 12 Months (6 Months for Designs) Prior To The Filing Date of This Application:

Country	Application No.	Date of Filing (Month/ Day/ Year)

Insert Prior Foreign Application(s): ➡ if any

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number _____ Filing Date _____ Status _____ (Patented, pending, abandoned)

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Terrell C. Birch	(Reg. No. 19,382)	Raymond C. Stewart	(Reg. No. 21,066)
Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
Bernard L. Sweeney	(Reg. No. 24,448)	Michael K. Mutter	(Reg. No. 29,680)
Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28,977)
Leonard R. Svensson	(Reg. No. 30,330)	Terry L. Clark	(Reg. No. 32,644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Weiner	(Reg. No. 32,181)
Joe McKinney Muncy	(Reg. No. 32,334)	Donald J. Daley	(Reg. No. 34,313)
C. Joseph Faraci	(Reg. No. 32,350)		

Send Correspondence to:

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BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon

Full Name of First or Sole Inventor: **Jaakko Hyvärinen**

Insert Name of Inventor: **Jaakko Hyvärinen**

Insert Date This Document is Signed: **May 14, 2001**

Insert Residence: **Espoo, Finland**

Insert Citizenship: **Finnish**

Insert Post Office Address: **PCST OFFICE ADDRESS Complete Street Address including City, State & Country
Heimolan tie 6, FIN-02320 Espoo, Finland**

Full Name of Second Inventor, if any: **Folke Sterman**

see above

GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE
Jaakko	Hyvärinen		May 14, 2001
Residence (City, State & Country)		CITIZENSHIP	
Espoo, Finland		Finnish	
POST OFFICE ADDRESS Complete Street Address including City, State & Country			
Heimolan tie 6, FIN-02320 Espoo, Finland			

Full Name of Third Inventor, if any: **Folke Sterman**

see above

GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE
Folke	Sterman		June 11, 2001
Residence (City, State & Country)		CITIZENSHIP	
Helsinki, Finland		Finnish	
POST OFFICE ADDRESS Complete Street Address including City, State & Country			
Keriharju 6, FIN-00430 Helsinki, Finland			

Full Name of Fourth Inventor, if any: **see above**

GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE
Residence (City, State & Country)		CITIZENSHIP	
POST OFFICE ADDRESS Complete Street Address including City, State & Country			
see above			

see above

Residence (City, State & Country)	CITIZENSHIP

**COPY**Atty. Docket No.:
Page 1 of 1**RECORDATION FORM COVER SHEET**

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

HYVARINEN, Jaakko; STENMAN, Folke

Additional name(s) of conveying party(ies) attached?

 YES NO

3. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name Other:Execution Date: **May 14 and June 11, 2001**

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

~~-097831,272~~ 09/842,767

B. Patent No.(s).

Additional numbers attached? YES NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**Street Address: **P.O. BOX 747**City: **FALLS CHURCH** State: **VA** ZIP: **22040-0747**Country: **USA**6. Total No. of applications/patents involved: **one (1)**7. Total fee (37 C.F.R. § 3.41): **\$40.00** Enclosed Authorized to be charged to deposit account,
if no fee attached.8. Deposit account number: **02-2448**(Attach triplicate copy of this page
if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.***Leonard R. Svensson, #30,330**
Name of Person Signing/Reg. No.

Signature

June 28, 2001
DateTotal number of pages including cover sheet, attachments, and document: **three (3)**

LRS/cih

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BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR

UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ATTORNEY DOCKET NO.

ASSIGNMENT

Application No. 09/831,272

Filed April 27, 2001

Insert Name(s) of Inventor(s) ➡ WHEREAS, Jaakko Hyvärinen and
Folke Stenman

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

Insert Title of Invention ➡ Method and device for modifying the irradiance distribution
of a radiation source

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date of Signing of Application ➡ on May 14, 2001; and June 11, 2001; and

Insert Name of Assignee ➡ WHEREAS, Fortum Oyj

Insert Address of Assignee ➡ of Keilaniemi, FIN-02150 Espoo, Finland

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

➡ in any and all foreign countries.

I, the undersigned inventor, do hereby assign to the Assignee the entire right, title and interest in and to the invention described above, and in and to any Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries, for the term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

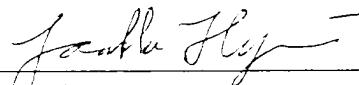
The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

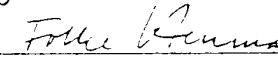
The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

May 14, 2001

Date 14.5.2001, Name of Inventor Jaakko Hyvärinen
(signature)  Jaakko Hyvärinen

Date June 11, 2001, Name of Inventor Folke Stenman
(signature)  Folke Stenman

Date _____, Name of Inventor _____
(signature)

Date _____, Name of Inventor _____
(signature)

Date _____, Name of Inventor _____
(signature)